

COPY OF PAPERS  
ORIGINALLY FILED

2812  
5-7-2

PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box

+

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/074,898        |
| Filing Date            | February 11, 2002 |
| First Named Inventor   | Yoon, et al.      |
| Group Art Unit         | Not yet assigned  |
| Examiner Name          | Not yet assigned  |
| Attorney Docket Number | 6473/CMI/WCVD/BG  |

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment / Response<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><br><input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s)<br><br><div>Remarks</div> | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>Submission of Formal Drawings (2 pages)<br>Eight (8) sheets of formal drawings (Figs. 1-8B) |
|--|--|--|

RECEIVED

APR 11 2002

TECH CENTER 2800

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |   |
|-------------------------|---|
| Firm or Individual name | Patricia A. Verlangieri, Esq.<br>Moser, Patterson & Sheridan, LLP |
| Signature               | <i>Patricia A. Verlangieri</i>                                    |
| Date                    | March 25, 2002  |

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: March 25, 2002

|                       |                           |      |                |
|-----------------------|---------------------------|------|----------------|
| Typed or printed name | Allyson M. DeVesty        |      |                |
| Signature             | <i>Allyson M. DeVesty</i> | Date | March 25, 2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**FEE TRANSMITTAL  
for FY 2002**

APR 03 2002

Patent fees are subject to annual revision.

APR 03 2002

TOTAL AMOUNT OF PAYMENT

(\$)

0

**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/074,898        |
| Filing Date          | February 11, 2002 |
| First Named Inventor | Yoon, et al.      |
| Examiner Name        | Not yet assigned  |
| Group / Art Unit     | Not yet assigned  |
| Attorney Docket No.  | 6473/CM/WCVD/BG   |

**COPY OF PAPERS  
ORIGINALLY FILED****METHOD OF PAYMENT (check one)**1. ☒

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

20-0782

Deposit  
Account  
Name

Moser, Patterson &amp; Sheridan, LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

- ☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101                  | 740                   | 201                  | 370                   | Utility filing fee     |          |
| 106                  | 330                   | 206                  | 165                   | Design filing fee      |          |
| 107                  | 510                   | 207                  | 255                   | Plant filing fee       |          |
| 108                  | 740                   | 208                  | 370                   | Reissue filing fee     |          |
| 114                  | 160                   | 214                  | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$)

**2. EXTRA CLAIM FEES**

| Total Claims          | Extra<br>Claims | Fee from<br>below | Fee<br>Paid |     |
|-----------------------|-----------------|-------------------|-------------|-----|
| -20 **                | = 0             | X                 | = 0         |     |
| Independent<br>Claims | -3 **           | = 0               | X           | = 0 |
| Multiple<br>Dependent |                 | X                 | = 0         |     |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103                  | 18                    | 203                  | 9                     | Claims in excess of 20                                     |
| 102                  | 84                    | 202                  | 42                    | Independent claims in excess of 3                          |
| 104                  | 280                   | 204                  | 140                   | Multiple dependent claim, if not paid                      |
| 109                  | 84                    | 209                  | 42                    | ** Reissue independent claims over original patent         |
| 110                  | 18                    | 210                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Large<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>Code | Fee Description | Fee Paid |  |  |
|--------------------------------|--------------------------------|-----------------|----------|--|--|
| 105                            | 130                            | 205             | 65       | Surcharge - late filing fee or oath  |  |
| 127                            | 50                             | 227             | 25       | Surcharge - late provisional filing fee or cover sheet.                    |  |
| 139                            | 130                            | 139             | 130      | Non-English specification  |  |
| 147                            | 2,520                          | 147             | 2,520    | For filing a request for reexamination                                     |  |
| 112                            | 920*                           | 112             | 920*     | Requesting publication of SIR prior to Examiner action                     |  |
| 113                            | 1,840*                         | 113             | 1,840*   | Requesting publication of SIR after Examiner action                        |  |
| 115                            | 110                            | 215             | 55       | Extension for reply within first month                                     |  |
| 116                            | 400                            | 216             | 200      | Extension for reply within second month                                    |  |
| 117                            | 920                            | 217             | 460      | Extension for reply within third month                                     |  |
| 118                            | 1,440                          | 218             | 720      | Extension for reply within fourth month                                    |  |
| 128                            | 1,960                          | 228             | 980      | Extension for reply within fifth month                                     |  |
| 119                            | 320                            | 219             | 160      | Notice of Appeal   |  |
| 120                            | 320                            | 220             | 160      | Filing a brief in support of an appeal                                     |  |
| 121                            | 280                            | 221             | 140      | Request for oral hearing   |  |
| 138                            | 1,510                          | 138             | 1,510    | Petition to institute a public use proceeding                              |  |
| 140                            | 110                            | 240             | 55       | Petition to revive - unavoidable   |  |
| 141                            | 1,280                          | 241             | 640      | Petition to revive - unintentional   |  |
| 142                            | 1,280                          | 242             | 640      | Utility issue fee (or reissue)   |  |
| 143                            | 460                            | 243             | 230      | Design issue fee   |  |
| 144                            | 620                            | 244             | 310      | Plant issue fee  |  |
| 122                            | 130                            | 122             | 130      | Petitions to the Commissioner  |  |
| 123                            | 50                             | 123             | 50       | Processing fee under 37 CFR 1.17 (q)                                       |  |
| 126                            | 180                            | 126             | 180      | Submission of Information Disclosure Stmt                                  |  |
| 581                            | 40                             | 581             | 40       | Recording each patent assignment per property (times number of properties) |  |
| 146                            | 740                            | 246             | 370      | Filing a submission after final rejection (37 CFR § 1.129(a))              |  |
| 149                            | 740                            | 249             | 370      | For each additional invention to be examined (37 CFR § 1.129(b))           |  |
| 179                            | 740                            | 279             | 370      | Request for Continued Examination (RCE)                                    |  |
| 169                            | 900                            | 169             | 900      | Request for expedited examination of a design application                  |  |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$)

**SUBMITTED BY****Complete (if applicable)**

|                   |                                |                                 |        |           |                |
|-------------------|--------------------------------|---------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Patricia A. Verlangieri        | Registration No. Attorney/Agent | 42,201 | Telephone | (732) 530-9404 |
| Signature         | <i>Patricia A. Verlangieri</i> |                                 |        | Date      | March 25, 2002 |

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

COPY OF PAPERS  
ORIGINALLY FILED

**PATENT APPLICATION**

Applicant: **Yoon, et al.**

Case: **6473/CMI/WCVD/BG**

Serial No.: **10/074,898**

Filed: **February 11, 2002**

Examiner: **Not yet assigned**

Group Art Unit: **Not yet assigned**

Title: **DEPOSITION OF TUNGSTEN FILMS**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, DC 20231


S I R:

**SUBMISSION OF FORMAL DRAWINGS**

The Applicants submit herewith 8 sheets of formal drawings (FIGS. 1 through 8B) in connection with the above-captioned application.

Respectfully submitted,

3/25/02

  
PATRICIA A. VERLANGIERI  
Reg. No. 42,201  
(732) 530-9404

Moser, Patterson & Sheridan, LLP  
595 Shrewsbury Avenue  
Suite 100  
Shrewsbury, NJ 07702

**Please continue to send correspondence to:**

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450A  
Santa Clara, CA 95052

TO 2-2000 MAIL ROOM  
APR 11 2002  
RECEIVED

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited on 3-25-02  
\_\_\_\_\_ with the United States Postal Service as first-class mail, with  
sufficient postage, in an envelope addressed to the Assistant Commissioner for  
Patents, Washington, DC 20231.

William M. Del'Esty  
Signature

3-25-02  
Date of signature